

**Spectrum Lubricants Corporation
500 Industrial Park Drive
Selmer, TN 38375**

MATERIAL SAFETY DATA SHEET

SECTION 1 -- IDENTIFICATION

Product Trade Name:	MTD/Arnold 50:1 Two-Cycle Engine Oil
Part Number:	OL-250
Revision Date:	01/22/03
Phone Number:	(731) 645-4972
Fax Number:	(731) 645-4810
E-mail Address:	mbrowder@spectrumcorporation.com
Emergency Number:	800-424-9300 after 5:00 p.m.
Chemical Family:	Petroleum Lubricating Oil

NOTE: Petroleum lubricating oils with a flashpoint above 200°F, are not regulated by D.O.T. standards.

SECTION 2 -- HAZARDOUS INGREDIENTS

<u>Name</u>	<u>CAS #</u>	<u>Approximate %</u>	<u>Regulatory Agency</u>	<u>Exposure Limit</u>
Additive	Proprietary	5-11	OSHA/ACGIH	5mg/m3 Mist
Solvent	8052-41-3	8-13	OSHA/ACGIH	5mg/m3 Mist
Base Oil	64742-54-7	80-90	OSHA/ACGIH	5mg/m3 Mist
Blue Dye	1330-20-7	< 0.5	OSHA/ACGIH	100 ppm 8HrTWA

HMIS/NFPA CODES

Health	Flammability	Reactivity	Protective Equipment
1	1	0	C, D, H

See Section 6, Chronic Effects, for potential over-exposure hazard.

SECTION 3 -- PHYSICAL DATA

Vapor Pressure (mmHg) at 20°C:	<1
Specific Gravity at 60°F:	0.88
Water Solubility:	Negligible
Boiling Point:	600+°F
Vapor Density (Air=1):	>5
Evaporation Rate (BUAC=1):	<1
Odor:	Mild Petroleum Odor
Appearance:	Dark Blue Color Liquid
Viscosity at 100°C CST:	9.3

SECTION 4 -- FIRE AND EXPLOSION HAZARDS

Flash Point:	205°F
Fire Point:	230°F
Extinguishing Media:	Water Fog, Chemical Foam, Dry Chemical Powder, CO2
Special Firefighting Procedures:	Cool exposed containers with water spray. Avoid breathing fumes.

Unusual Fire and Explosion Hazards:

Pressure increase in over heated closed containers. Cool containers with water spray. Product at elevated temperature gives off flammable vapors.

SECTION 5 -- REACTIVITY DATA

Stability:
Incompatibility:
Polymerization:
Thermal Decomposition:

Stable
Avoid strong oxidants.
Will not occur.
Partial burning produces fumes, smoke and carbon monoxide.

SECTION 6 -- HEALTH HAZARD DATA

Inhalation:
Eye Contact:
Skin Contact:
Ingestion:
TLV:
Chronic Effects:

Inhalation of fumes may result in dizziness, headache and respiratory irritation.
Contact with eyes may cause minimal irritation.
Mild irritation may occur with prolonged or repeated contact.
Slightly toxic. Pulmonary aspiration hazard if vomiting occurs.
5mg/m3 as mist. ACGIH 1984-85.
Product has a low order of acute oral toxicity. Ingredients of this product are not listed as potential carcinogens in N.T.P. Annual Report on Carcinogens, I.A.R.C. Monographs, or by O.S.H.A. HCS (g) (2) (vii).

SECTION 7 -- SPECIAL PROTECTION INFORMATION

Ventilation Procedure:
Gloves Protection:
Eye Protection:
Work/Hygienic Practices:

Ventilate as needed to comply with exposure limit.
Use impervious gloves to avoid repeated/prolonged skin contact.
Use goggles/face shield to avoid eye contact.
If clothing becomes contaminated, change to fresh clean clothing. Do not wear until thoroughly laundered.

SECTION 8 -- SPILL OR LEAK PROCEDURES

Spill Procedures:

Waste Disposal:

Remove ignition sources. Recover liquid. Add absorbent to spill area. Ventilate confined spaces. Advise authorities if product enters sewers, etc.
Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

SECTION 9 -- SPECIAL PRECAUTIONS

Handling and Storage Precautions:

Keep containers closed when not in use. Do not handle or store near heat or flames. Use chemical resistant gloves and apron.

EMERGENCY FIRST AID PROCEDURES

Skin:

Wash skin with soap and warm water. Wash clothing before re-use.

Eye:	If splashed into eyes flush eyes with clear water for five (5) minutes.
Inhalation:	If overcome by fumes remove from exposure immediately.
Oral:	If ingested, do not induce vomiting. Call a physician.

The data presented herein is based upon tests and information, which we believe to be reliable. However, users should make their own investigations to determine the suitability of the information for their particular purpose.